Second Grade Pacing Module 2 *with Suggested Modifications* **Key**

Optional Lesson

Extension Lesson

Remedial Lesson



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| Standards | Topic and Objectives | |  |
| **2.MD.1** | A | Understand Concepts About the Ruler  Lesson 1: Connect measurement with physical units by using multiple copies of the same physical unit to measure.  Lesson 2: Use iteration with one physical unit to measure.  Lesson 3: Apply concepts to create unit rulers and measure lengths using unit rulers. | **Days: 3** |
| By the end of Topic A, your students should be able to:   * Using centimeter cubes to measure a variety of objects. * Use iteration with one centimeter cube to measure. * Attend to precision (no gaps or overlaps in measurement).   Snapshot Assessment 2.MD.1 Problems 1-4. | | | |
| **2.MD.1**  **2.MD.3** | B | Measure and Estimate Length Using Different Measurement Tools  Lesson 4: Measure various objects using centimeter rulers and meter sticks.  Lesson 5: Develop estimation strategies by applying prior knowledge of length and using  mental benchmarks. | **Days: 2** |
| By the end of Topic B, your students should be able to:   * Measure objects using centimeters and meters. * Have a mental benchmark of a meter and centimeter to help them estimate.   Snapshot Assessment 2.MD.3 Problems 1-4. | | | |
| **2.MD.1**  **2.MD.2**  **2.MD.4** | C | Measure and Compare Lengths Using Different Length Units  Lesson 6: Measure and compare lengths using centimeters and meters.  Lesson 7: Measure and compare lengths using standard metric length units and non-standard lengths units; relate measurement to unit size. | **Days: 1**  **Optional Lesson 7:** Non-standard lengths is not a 2nd grade standard. Could be replaced with Problem Solving Task [Measuring Mammals](http://www.insidemathematics.org/assets/problems-of-the-month/measuring%20mammals.pdf) Part A |
| By the end of Topic C, your students should be able to:   * Compare lengths of two objects (apply to word problems). | | | |
| **2.MD.5**  **2.MD.6**  2.MD.1  2.MD.3  2.MD.4 | D | Relate Addition and Subtraction to Length  Lesson 8: Solve addition and subtraction word problems using the ruler as a number line.  Problem Solving Task to accompany Lesson 8: [Frog and Toad on the Number Line](https://www.illustrativemathematics.org/content-standards/tasks/1081)  Lesson 9: Concrete to abstract: measure lengths of string using measurement tools; represent length with tape diagrams to represent and compare the lengths.  Lesson 10: Apply conceptual understanding of measurement by solving two-step word  problems | **Days: 2**  **Extension Lesson 9:** At this point in the year students can continue to use concrete models. Later in the year they can move to using abstract models. |
| By the end of Topic D, your students should be able to:   * See the ruler as a number line. * Solve addition and subtraction word problems involving length. | | | |
| *3 Days for Re-Assessment, Remediation and Enrichment*  [End of Module Assessment Word Document](https://www.engageny.org/resource/grade-2-mathematics-module-2) | | | |
| ***Total Instructional Days: 11*** | | | |

Links Used:

“Measuring Mammals” Part A: http://www.insidemathematics.org/assets/problems-of-the-month/measuring%20mammals.pdf

“Frog and Toad on the Number Line”: <https://www.illustrativemathematics.org/content-standards/tasks/1081>

Module Word Documents: <https://www.engageny.org/resource/grade-2-mathematics-module-2>